

116TH CONGRESS
1ST SESSION

H. R. 4459

To prohibit Federal funds from being used to purchase communications equipment or services posing national security risks, to provide for the establishment of a reimbursement program for the replacement of communications equipment or services posing such risks, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

SEPTEMBER 24, 2019

Mr. PALLONE (for himself, Mr. WALDEN, Ms. MATSUI, and Mr. GUTHRIE) introduced the following bill; which was referred to the Committee on Energy and Commerce, and in addition to the Committee on Oversight and Reform, for a period to be subsequently determined by the Speaker, in each case for consideration of such provisions as fall within the jurisdiction of the committee concerned

A BILL

To prohibit Federal funds from being used to purchase communications equipment or services posing national security risks, to provide for the establishment of a reimbursement program for the replacement of communications equipment or services posing such risks, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

1 SECTION 1. SHORT TITLE.

2 This Act may be cited as the “Secure and Trusted
3 Communications Networks Act of 2019”.

4 **SEC. 2. DETERMINATION OF COMMUNICATIONS EQUIP-**
5 **MENT OR SERVICES POSING NATIONAL SECU-**
6 **RITY RISKS.**

7 (a) **PUBLICATION OF COVERED COMMUNICATIONS**
8 **EQUIPMENT OR SERVICES LIST.**—Not later than 1 year
9 after the date of the enactment of this Act, the Commis-
10 sion shall publish on its website a list of covered commu-
11 nications equipment or services.

12 (b) **DETERMINATION BY COMMISSION.**—The Com-
13 mission shall place on the list published under subsection
14 (a) any communications equipment or service, if and only
15 if the Commission determines that such equipment or
16 service—

17 (1) is produced or provided by—

18 (A) Huawei Technologies Co. Limited,
19 Zhongxing Telecommunications Equipment
20 Corporation, or any subsidiary or affiliate of ei-
21 ther such entity;

22 (B) any successor to any entity described
23 in subparagraph (A); or

24 (C) any other entity, if the Commission de-
25 termines, based exclusively on the determina-
26 tions described in paragraphs (1) through (4)

1 of subsection (c), that such equipment or serv-
2 ice produced or provided by such entity poses
3 an unacceptable risk to the national security of
4 the United States or the security and safety of
5 United States persons; and
6 (2) is capable of—

7 (A) routing or redirecting user data traffic
8 or permitting visibility into any user data or
9 packets that such equipment or service trans-
10 mits or otherwise handles; or
11 (B) causing the network of a provider of
12 advanced communications service to be dis-
13 rupted remotely.

14 (c) RELIANCE ON CERTAIN OTHER DETERMINA-
15 TIONS.—In making a determination under subsection
16 (b)(1)(C), the Commission shall rely solely on one or more
17 of the following determinations:

18 (1) A specific determination made by any exec-
19 utive branch interagency body with appropriate na-
20 tional security expertise, including the Federal Ac-
21 quisition Security Council established under section
22 1322(a) of title 41, United States Code.

23 (2) A specific determination made by the Bu-
24 reau of Industry and Security of the Department of
25 Commerce to place an entity on the entity list main-

1 tained by the Bureau and set forth in Supplement
2 No. 4 to part 744 of the Export Administration
3 Regulations (subchapter C of chapter VII of title 15,
4 Code of Federal Regulations).

5 (3) A specific determination made pursuant to
6 Executive Order 13873 (84 Fed. Reg. 22689; relat-
7 ing to securing the information and communications
8 technology and services supply chain), including any
9 determination made by the Department of Com-
10 merce pursuant to regulations promulgated to imple-
11 ment such Executive order.

12 (4) The communications equipment or service
13 being covered telecommunications equipment or serv-
14 ices, as defined in section 889(f)(3) of the John S.
15 McCain National Defense Authorization Act for Fis-
16 cal Year 2019 (Public Law 115–232; 132 Stat.
17 1918).

18 (d) UPDATING OF LIST.—The Commission shall peri-
19 odically update the list published under subsection (a), as
20 necessary to protect national security and to address
21 changes in the determinations described in paragraphs (1)
22 through (4) of subsection (c). For each 12-month period
23 during which the list is not updated, the Commission shall
24 notify the public that no updates were necessary during

1 such period to protect national security or to address
2 changes in such determinations.

3 **SEC. 3. PROHIBITION ON USE OF FEDERAL FUNDS.**

4 (a) IN GENERAL.—

5 (1) PROHIBITION.—Federal funds may not be
6 used to purchase, rent, lease, or otherwise obtain
7 any covered communications equipment or service or
8 to maintain any covered communications equipment
9 or service previously purchased, rented, leased, or
10 otherwise obtained.

11 (2) TIMING.—Paragraph (1) shall apply with
12 respect to any covered communications equipment or
13 service beginning on the date that is 60 days after
14 the date on which the Commission places such
15 equipment or service on the list required by section
16 2(a). In the case of any covered communications
17 equipment or service that is on the initial list pub-
18 lished under such section, such equipment or service
19 shall be treated as being placed on the list on the
20 date on which such list is published.

21 (b) COMPLETION OF PROCEEDING.—Not later than
22 90 days after the date of the enactment of this Act, the
23 Commission shall adopt a Report and Order in the matter
24 of Protecting Against National Security Threats to the
25 Communications Supply Chain Through FCC Programs

1 (WC Docket No. 18–89) that implements subsection (a),
2 to the extent such subsection applies to a program admin-
3 istered by the Commission.

4 (c) APPLICATION TO OTHER AGENCIES.—Not later
5 than 180 days after the date of the enactment of this Act,
6 the head of each Federal agency that administers a pro-
7 gram through which Federal funds are made available
8 shall update the regulations for the program to comply
9 with subsection (a).

10 **SEC. 4. SECURE AND TRUSTED COMMUNICATIONS NET-
11 WORKS REIMBURSEMENT PROGRAM.**

12 (a) IN GENERAL.—The Commission shall establish a
13 reimbursement program, to be known as the “Secure and
14 Trusted Communications Networks Reimbursement Pro-
15 gram”, to make reimbursements to providers of advanced
16 communications service to replace covered communica-
17 tions equipment or services.

18 (b) ELIGIBILITY.—The Commission may not make a
19 reimbursement under the Program to a provider of ad-
20 vanced communications service unless the provider—

21 (1) has 2,000,000 or fewer customers; and
22 (2) makes all of the certifications required by
23 subsection (d)(5).

24 (c) USE OF FUNDS.—

1 (1) IN GENERAL.—A recipient of a reimbursement
2 under the Program shall use reimbursement
3 funds solely for the purposes of—

4 (A) permanently removing covered communications equipment or services purchased,
5 rented, leased, or otherwise obtained before August 14, 2018, and replacing such equipment or
6 services with communications equipment or services that are not covered communications
7 equipment or services; and

8 (B) disposing of the equipment or services removed as described in subparagraph (A) in
9 accordance with the requirements under subsection (d)(8).

10 (2) LIMITATIONS.—A recipient of a reimbursement under the Program may not use reimbursement funds to—

11 (A) remove, replace, or dispose of any covered communications equipment or service purchased, rented, leased, or otherwise obtained on or after August 14, 2018;

12 (B) purchase, rent, lease, or otherwise obtain any covered communications equipment or service, using reimbursement funds or any

1 other funds (including funds derived from pri-
2 vate sources); or

3 (C) make network upgrades that go beyond
4 the replacement of covered communications
5 equipment or services, as determined by the
6 Commission.

7 (d) IMPLEMENTATION.—

8 (1) REGULATIONS.—Not later than 270 days
9 after the date of the enactment of this Act, the
10 Commission shall promulgate regulations to imple-
11 ment the Program.

12 (2) SUGGESTED REPLACEMENTS.—

13 (A) DEVELOPMENT OF LIST.—The Com-
14 mission shall develop a list of suggested replace-
15 ments of both physical and virtual communica-
16 tions equipment, application and management
17 software, and services.

18 (B) NEUTRALITY.—The list developed
19 under subparagraph (A) shall be technology
20 neutral and may not advantage the use of reim-
21 bursement funds for capital expenditures over
22 operational expenditures, to the extent that the
23 Commission determines that communications
24 services can serve as an adequate substitute for
25 the installation of communications equipment.

(3) APPLICATION PROCESS.—

5 (B) COST ESTIMATE.—

14 (I) update the initial reimbursement cost estimate submitted under
15 clause (i); and
16

17 (II) submit additional supporting
18 materials substantiating an updated
19 cost estimate submitted under sub-
20 clause (I).

1 ess, while taking into account the need to avoid
2 waste, fraud, and abuse in the Program.

3 (4) APPLICATION REVIEW PROCESS.—

4 (A) DEADLINE.—

5 (i) IN GENERAL.—Except as provided
6 in clause (ii) and subparagraph (B), the
7 Commission shall approve or deny an ap-
8 plication for a reimbursement under the
9 Program not later than 90 days after the
10 date of the submission of the application.

11 (ii) ADDITIONAL TIME NEEDED BY
12 COMMISSION.—If the Commission deter-
13 mines that, because an excessive number of
14 applications have been filed at one time,
15 the Commission needs additional time for
16 employees of the Commission to process
17 the applications, the Commission may ex-
18 tend the deadline described in clause (i) for
19 not more than 45 days.

20 (B) OPPORTUNITY FOR APPLICANT TO
21 CURE DEFICIENCY.—If the Commission deter-
22 mines that an application is materially deficient
23 (including by lacking an adequate cost estimate
24 or adequate supporting materials), the Commis-
25 sion shall provide the applicant a 15-day period

1 to cure the defect before denying the applica-
2 tion. If such period would extend beyond the
3 deadline under subparagraph (A) for approving
4 or denying the application, such deadline shall
5 be extended through the end of such period.

6 (C) EFFECT OF DENIAL.—Denial of an ap-
7 plication for a reimbursement under the Pro-
8 gram shall not preclude the applicant from re-
9 submitting the application or submitting a new
10 application for a reimbursement under the Pro-
11 gram at a later date.

12 (5) CERTIFICATIONS.—An applicant for a reim-
13 bursement under the Program shall, in the applica-
14 tion of such applicant, certify to the Commission
15 that—

16 (A) beginning on the date of the submis-
17 sion of the application, the applicant will not
18 purchase, rent, lease, or otherwise obtain cov-
19 ered communications equipment or services,
20 using reimbursement funds or any other funds
21 (including funds derived from private sources);
22 and

23 (B) as of the date of the submission of the
24 application, the applicant—

25 (i) has developed a plan for—

(I) the permanent removal and replacement of any covered communications equipment or services that are in the communications network of the applicant as of such date; and

(II) the disposal of the equipment or services removed as described in subclause (I) in accordance with the requirements under paragraph (8);

(ii) has developed a specific timeline (subject to paragraph (7)) for the permanent removal, replacement, and disposal of the covered communications equipment or services identified under clause (i), which timeline shall be submitted to the Commission as part of the application;

(iii) has taken, or will immediately take, all necessary steps to mitigate the security threat the covered communications equipment or services identified under clause (i) could pose to the network of the applicant until the equipment or services can be permanently removed and replaced

1 in accordance with the timeline described
2 in clause (ii); and

3 (iv) in developing and tailoring the
4 risk management practices of such appli-
5 cant, will consult and consider the stand-
6 ards, guidelines, and best practices set
7 forth in the cybersecurity framework devel-
8 oped by the National Institute of Stand-
9 ards and Technology.

10 (6) DISTRIBUTION OF REIMBURSEMENT
11 FUND.—

12 (A) IN GENERAL.—The Commission shall
13 make reasonable efforts to ensure that reim-
14 bursement funds are distributed as equitably as
15 possible among all applicants for reimburse-
16 ments under the Program according to the
17 needs of the applicants, as identified by the ap-
18 plications of the applicants.

19 (B) NOTIFICATION.—If, at any time dur-
20 ing the implementation of the Program, the
21 Commission determines that the funds made
22 available to the Commission to carry out the
23 Program will not be sufficient to fully fund all
24 approved applications for reimbursements under

1 the Program, the Commission shall immediately
2 notify—

10 (7) REMOVAL, REPLACEMENT, AND DISPOSAL
11 TERM.—

23 (i) finds that the supply of replace-
24 ment communications equipment or serv-
25 ices needed by the recipients to achieve the

1 purposes of the Program is inadequate to
2 meet the needs of the recipients; and

3 (ii) provides notice and a detailed jus-
4 tification for granting the extension to—

5 (I) the Committee on Energy and
6 Commerce of the House of Represent-
7 atives; and

8 (II) the Committee on Com-
9 merce, Science, and Transportation of
10 the Senate.

11 (C) INDIVIDUAL EXTENSION.—

12 (i) PETITION.—A recipient of a reim-
13 bursement under the Program may peti-
14 tion the Commission for an extension for
15 such recipient of the deadline described in
16 subparagraph (A) or, if the Commission
17 has granted an extension of such deadline
18 under subparagraph (B), such deadline as
19 so extended.

20 (ii) GRANT.—The Commission may
21 grant a petition filed under clause (i) by
22 extending, for the recipient that filed the
23 petition, the deadline described in subpara-
24 graph (A) or, if the Commission has grant-
25 ed an extension of such deadline under

1 subparagraph (B), such deadline as so ex-
2 tended, for a period of not more than 6
3 months if the Commission finds that, due
4 to no fault of such recipient, such recipient
5 is unable to complete the permanent re-
6 moval, replacement, and disposal described
7 in subparagraph (A).

8 (8) DISPOSAL OF COVERED COMMUNICATIONS
9 EQUIPMENT OR SERVICES.—The Commission shall
10 include in the regulations promulgated under para-
11 graph (1) requirements for the disposal by a recipi-
12 ent of a reimbursement under the Program of cov-
13 ered communications equipment or services identi-
14 fied under paragraph (5)(B)(i) and removed from
15 the network of the recipient in order to prevent such
16 equipment or services from being used in the net-
17 works of providers of advanced communications serv-
18 ice.

19 (9) STATUS UPDATES.—

20 (A) IN GENERAL.—Not less frequently
21 than once every 90 days beginning on the date
22 on which the Commission approves an applica-
23 tion for a reimbursement under the Program,
24 the recipient of the reimbursement shall submit
25 to the Commission a status update on the work

1 of the recipient to permanently remove, replace,
2 and dispose of the covered communications
3 equipment or services identified under para-
4 graph (5)(B)(i).

5 (B) PUBLIC POSTING.—The Commission
6 shall make public on the website of the Com-
7 mission each status update submitted under
8 subparagraph (A).

9 (C) REPORTS TO CONGRESS.—Not less fre-
10 quently than once every 180 days beginning on
11 the date on which the Commission first makes
12 funds available to a recipient of a reimburse-
13 ment under the Program, the Commission shall
14 prepare and submit to the Committee on En-
15 ergy and Commerce of the House of Represent-
16 atives and the Committee on Commerce,
17 Science, and Transportation of the Senate a re-
18 port on—

19 (i) the implementation of the Program
20 by the Commission; and

21 (ii) the work by recipients of reim-
22 bursements under the Program to perma-
23 nently remove, replace, and dispose of cov-
24 ered communications equipment or services
25 identified under paragraph (5)(B)(i).

1 (e) MEASURES TO AVOID WASTE, FRAUD, AND
2 ABUSE.—

3 (1) IN GENERAL.—The Commission shall take
4 all necessary steps to avoid waste, fraud, and abuse
5 with respect to the Program.

6 (2) SPENDING REPORTS.—The Commission
7 shall require recipients of reimbursements under the
8 Program to submit to the Commission on a regular
9 basis reports regarding how reimbursement funds
10 have been spent, including detailed accounting of the
11 covered communications equipment or services per-
12 manently removed and disposed of, and the replace-
13 ment equipment or services purchased, rented,
14 leased, or otherwise obtained, using reimbursement
15 funds.

16 (3) AUDITS, REVIEWS, AND FIELD INVESTIGA-
17 TIONS.—The Commission shall conduct—

18 (A) regular audits and reviews of reim-
19 bursements under the Program to confirm that
20 recipients of such reimbursements are com-
21 plying with this Act; and

22 (B) random field investigations to ensure
23 that recipients of reimbursements under the
24 Program are performing the work such recipi-
25 ents are required to perform under the commit-

1 ments made in the applications of such recipi-
2 ents for reimbursements under the Program, in-
3 cluding the permanent removal, replacement,
4 and disposal of the covered communications
5 equipment or services identified under sub-
6 section (d)(5)(B)(i).

7 (4) FINAL CERTIFICATION.—

8 (A) IN GENERAL.—The Commission shall
9 require a recipient of a reimbursement under
10 the Program to submit to the Commission, in
11 a form and at an appropriate time to be deter-
12 mined by the Commission, a certification stat-
13 ing that the recipient—

14 (i) has fully complied with (or is in
15 the process of complying with) all terms
16 and conditions of the Program;

17 (ii) has fully complied with (or is in
18 the process of complying with) the commit-
19 ments made in the application of the re-
20 cipient for the reimbursement;

21 (iii) has permanently removed from
22 the communications network of the recipi-
23 ent, replaced, and disposed of (or is in the
24 process of permanently removing, replac-
25 ing, and disposing of) all covered commu-

1 nlications equipment or services that were
2 in the network of the recipient as of the
3 date of the submission of the application of
4 the recipient for the reimbursement; and

5 (iv) has fully complied with (or is in
6 the process of complying with) the timeline
7 submitted by the recipient under subparagraph
8 (B)(ii) of paragraph (5) of subsection (d) and the other requirements of
9 such paragraph.

11 (B) UPDATED CERTIFICATION.—If, at the
12 time when a recipient of a reimbursement under
13 the Program submits a certification under subparagraph (A), the recipient has not fully com-
14 plied as described in clause (i), (ii), or (iv) of
15 such subparagraph or has not completed the
16 permanent removal, replacement, and disposal
17 described in clause (iii) of such subparagraph,
18 the Commission shall require the recipient to
19 file an updated certification when the recipient
20 has fully complied as described in such clause
21 (i), (ii), or (iv) or completed such permanent re-
22 moval, replacement, and disposal.

24 (f) RULE OF CONSTRUCTION REGARDING TIMING OF
25 REIMBURSEMENT.—Nothing in this section shall be con-

1 strued to prohibit the Commission from making a reim-
2 bursement under the Program to a provider of advanced
3 communications service before the provider incurs the cost
4 of the permanent removal, replacement, and disposal of
5 the covered communications equipment or service for
6 which the application of the provider has been approved
7 under this section.

8 (g) EDUCATION EFFORTS.—The Commission shall
9 engage in education efforts with providers of advanced
10 communications service to—

11 (1) encourage such providers to participate in
12 the Program; and
13 (2) assist such providers in submitting applica-
14 tions for the Program.

15 (h) SEPARATE FROM FEDERAL UNIVERSAL SERVICE
16 PROGRAMS.—The Program shall be separate from any
17 Federal universal service program established under sec-
18 tion 254 of the Communications Act of 1934 (47 U.S.C.
19 254).

20 (i) AUTHORIZATION OF APPROPRIATIONS.—There is
21 authorized to be appropriated to the Commission
22 \$1,000,000,000 for fiscal year 2020 to carry out the Pro-
23 gram. Such amount is authorized to remain available
24 through fiscal year 2029.

1 SEC. 5. HOLD HARMLESS.

2 In the case of a person who is a winner of the Con-
3 nect America Fund Phase II auction, has not yet been
4 authorized to receive Connect America Fund Phase II sup-
5 port, and demonstrates an inability to reasonably meet the
6 build-out and service obligations of such person under
7 Connect America Fund Phase II without using equipment
8 or services prohibited under this Act, such person may
9 withdraw the application of such person for Connect
10 America Fund Phase II support without being found in
11 default or subject to forfeiture.

12 SEC. 6. ENFORCEMENT.

13 (a) VIOLATIONS.—A violation of this Act or a regula-
14 tion promulgated under this Act shall be treated as a vio-
15 lation of the Communications Act of 1934 (47 U.S.C. 151
16 et seq.) or a regulation promulgated under such Act, re-
17 spectively. The Commission shall enforce this Act and the
18 regulations promulgated under this Act in the same man-
19 ner, by the same means, and with the same jurisdiction,
20 powers, and duties as though all applicable terms and pro-
21 visions of the Communications Act of 1934 were incor-
22 porated into and made a part of this Act.

23 (b) ADDITIONAL PENALTIES.—

24 (1) IN GENERAL.—Except as provided in para-
25 graph (2), in addition to penalties under the Com-
26 munications Act of 1934, a recipient of a reimburse-

1 ment under the Program found to have violated sec-
2 tion 4, the regulations promulgated under such sec-
3 tion, or the commitments made by the recipient in
4 the application for the reimbursement—

5 (A) shall repay to the Commission all reim-
6 bursement funds provided to the recipient

7 under the Program;

8 (B) shall be barred from further participa-
9 tion in the Program;

10 (C) shall be referred to all appropriate law
11 enforcement agencies or officials for further ac-
12 tion under applicable criminal and civil laws;
13 and

14 (D) may be barred by the Commission
15 from participation in other programs of the
16 Commission, including the Federal universal
17 service support programs established under sec-
18 tion 254 of the Communications Act of 1934
19 (47 U.S.C. 254).

20 (2) NOTICE AND OPPORTUNITY TO CURE.—The
21 penalties described in paragraph (1) shall not apply
22 to a recipient of a reimbursement under the Pro-
23 gram unless—

24 (A) the Commission provides the recipient
25 with notice of the violation; and

(B) the recipient fails to cure the violation within 180 days after the Commission provides such notice.

4 (c) RECOVERY OF FUNDS.—The Commission shall
5 immediately take action to recover all reimbursement
6 funds awarded to a recipient of a reimbursement under
7 the Program in any case in which such recipient is re-
8 quired to repay reimbursement funds under subsection
9 (b)(1)(A).

10 SEC. 7. DEFINITIONS.

11 In this Act:

(2) COMMISSION.—The term “Commission” means the Federal Communications Commission.

1 (4) CUSTOMERS.—The term “customers”
2 means, with respect to a provider of advanced com-
3 munications service—

4 (A) the customers of such provider; and
5 (B) the customers of any affiliate (as de-
6 fined in section 3 of the Communications Act of
7 1934 (47 U.S.C. 153)) of such provider.

8 (5) EXECUTIVE BRANCH INTERAGENCY
9 BODY.—The term “executive branch interagency
10 body” means an interagency body established in the
11 executive branch.

12 (6) FEDERAL AGENCY.—The term “Federal
13 agency” has the meaning given the term “agency”
14 in section 551 of title 5, United States Code.

15 (7) FEDERAL FUNDS.—The term “Federal
16 funds” means—

17 (A) funds from a Federal universal service
18 support program established under section 254
19 of the Communications Act of 1934 (47 U.S.C.
20 254);

21 (B) any other Federal grants, subsidies, or
22 loans to support the deployment of communica-
23 tions networks in the United States; and

24 (C) any private loans—

1 (i) the purpose of which is to support
2 the deployment of communications net-
3 works in the United States; and

4 (ii) that are—

(I) obtained using a loan guar-
antee from the Federal Government;

7 or

(II) secured in whole or in part by other funds from the Federal Government.

(8) PERSON.—The term “person” means an individual or entity.

13 (9) PROGRAM.—The term “Program” means
14 the Secure and Trusted Communications Networks
15 Reimbursement Program established under section
16 4(a).

1 gardless of whether the provider has received reim-
2 bursement funds.

3 (12) REIMBURSEMENT FUNDS.—The term “re-
4 imbursement funds” means any reimbursement re-
5 ceived under the Program.

